

30

GROUP #: 30
Student IDs of Members Present:

41887561
A43425519
A42894705

PART 2: Group Work

Your group will be assigned to a specific interest group. The four interest groups are:

- Water utilities owners: FOR SELLING
- Politicians: FOR SELLING
- Environmentalists: AGAINST SELLING
- Scientists: YOU DECIDE based on facts!

Imagine that the water agreement between the states bordering the Great Lakes has expired, and Michigan has decided that one way to address the state's current economic crisis is to sell water to New Mexico. An overland pipeline will be built from Michigan to the southwest, paid for by New Mexico. Citizens of Michigan will vote on this in an upcoming election. WRITE A POSITION STATEMENT EXPLAINING WHY YOUR POLITICAL GROUP AGREES OR DISAGREES WITH THIS PLAN. This statement should include arguments based on the perspective of each of the five ethical approaches. Make sure to include scientific information about the water cycle as appropriate.

Sell!

Utilitarian - maximises good, earns us \$, gives thirsty people water, helps agriculture which helps feed us

Common good - helps thirsty ppl, help country as a whole, helps agriculture which helps us

Fairness & justice - Give everyone ~~own~~ access to drinking water

Virtue - sharing is caring

Rights - we shouldn't infringe others' rights to drink water
or infringe on the rights of entrepreneurs

A425152391
A39112932
A43303247

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We would sell the water, but based on scientific findings, we would limit the amount so it would not affect the water cycle. By the common good, selling the water would help the economic vulnerable and drought vulnerable groups. Putting a limit on how much is sold though will not affect the midwest because residence time and the amount of water evaporated would not be effected.

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We disagree with the plan to move great lake water to New Mexico, because we believe it would create more harm than good. This is an Utilitarianism ethical stand point. We believe this would reduce the water cycle and the great lakes even more than they are already are. Taking away all this water from the midwest would hurt us more environmentally & economically more than it would benefit New Mexico. It is proven that water levels & cycle are falling already lowering that even more would be devastating.

27

GROUP #: 27

Student IDs of Members Present:

A42669614

A40967142

A42704999

A42422266

PART 2: Group Work

Your group will be assigned to a specific interest group. The four interest groups are:

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We, Group 27 of ISP203A, believe that selling water to New Mexico would harmful to the environment and have negative consequences. Although we would be helping a vulnerable area of the nation, it would inturn be detrimental to the environment, and therefore harm more people than it helps. In the long run this would make Michigan's economy suffer.

26

GROUP #:

Student IDs of Members Present:

A39872700

A42707740

A42003289

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Utilitarianism - we disagree with the plan because we feel that it would eventually cause harm. The overland pipeline would be dangerous, costly, and would infringe upon the land of others. Because this pipe would be going through multiple states, we feel as though this is a justifiable reason for those states to argue that they need water from the Great Lakes as well. This could potentially create lawsuits, and end up being much more expensive for Michigan.

At a scientific point of view, the amount of water in the reservoir of the Great Lakes would lower (water table level) as a result of drainage. This could potentially cause water to freeze easily (because there is less) which could effect evaporation since such a large factor of evaporation is heat.

25

GROUP #:
Student IDs of Members Present:

A43490816

A41456018

A37620497

A43707708

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We believe that Michigan should sell water to New Mexico. Selling the water will benefit our economy greatly. It will bring jobs and money and it will also benefit the people of New Mexico. Everyone has the right to have freshwater and it is vital to their survival. Without adequate amounts of water people will suffer. With the great freshwater resource we have it is only fair that we share its greatness with our people. Also Michigan does own a good part of the Great Lakes and therefore has the right to exploit its resources for the good of its people and the people of New Mexico. People will argue that this will disrupt the water of the Great Lakes, but the water cycle will continue to replenish it.

24

GROUP #: 24
Student IDs of Members Present:
A40208496.

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Great lakes fresh water resources are not unlimited. Transport of water will increase harm to the ecosystem and Michigan lake water life. Water cannot be transported forever since the water can run out. Decrease of water in Michigan lake may put more pressure on the Mi. residences. The transportation of water through pipes will cause much water to be lost through leaks & runoff.

23

GROUP #:
Student IDs of Members Present:
A39732455
A39474585
A43050270

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Environmentalists: Against Selling

- Rights: Building the necessary machinery to pull this off will infringe upon the rights of many people living around the great lakes as well as people in the path of the pipeline. Also, the rights of the animals in the great lakes ecosystem will be infringed because of a reduction water source.
- The common good: The fragile ecosystem is also vulnerable and will be greatly affected by this pipeline.

Will hurt agricultural industry greatly which is very important to MI.

22

GROUP #:
Student IDs of Members Present:

~~XXXXXXXXXX~~ A37669797
A42839439 A41729348
A42829869

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The ethical approach that fits with our perspective would be fairness/justice. We feel that if the citizens of Michigan don't have access to the Great Lakes, then our government shouldn't be able to sell the water.

From a scientists perspective it would be bad because we would be removing water from our water cycle. The water that would normally precipitate in the same ^{region} ~~region~~ as it evaporates, would instead go to a different ~~region~~ region and enter the water cycle there.

21

GROUP #: 21
Student IDs of Members Present:
A43535121 A42211052
A34628634 A42052431
A42134271

PART 2: Group Work

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Utilitarianism - Common Good

Waste water would evaporate and eventually
rain again and get the water back

Create jobs. To give water to help people.

Take just extra water so that the Great lakes
can still recharge

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Selling the water would do what's best for the common good. Selling the water would boost Michigan's vulnerable economy and give much needed water to vulnerable New Mexico. The rate in which water will return to the atmosphere won't change, it will just take longer to return to the Great Lakes.

19

GROUP #: 19
Student IDs of Members Present:
A42257459 A40712800
A41860512
A40749278

PART 2: Group Work

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Utilitarian - Helping others who don't have water, helping our economy
↳ common good

For this political topic, our group (the politicians) will take the utilitarian approach in that our helping the states that do not have access to freshwater by selling will in-turn, help-out our own economy. Through not merely the sale of the water, itself, but also through the creation of new jobs, we will effectively help to pump more money into our economy & create more employment. The states that need access to the water will also be aided through this process, as water will be available, because previously, the water was not available through any of their ^{natural} processes such as precipitation, or through their own aquifers.

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I As ~~an~~ environmentalists we believe that the water of the great lakes should stay in the great lakes. This is for a few reasons, It is the largest fresh water reserve in the world and is completely unique to the great lakes area. ~~It~~ The lakes are also home to many populations of fish and water creatures, and every dollar taken from the lakes takes resources from those people. Lastly where does it stop? ~~say~~ Although there is a lot of water there it will eventually run out. Between the use of them by the people of the great lakes and ^{animals} as exportation we will run out eventually. With this exportation happening it would change gravitational flow of the rivers and streams nearby, surface run off ground water levels. As well as water vapor levels which in turn would create less precipitation and the lakes ~~water~~ amount ~~water~~ would rate of water loss would continue to accelerate.

17

GROUP #: 17
Student IDs of Members Present:
[REDACTED] A41727660
[REDACTED] A42503261

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We disagree with selling water. ~~Damaging the ecosystem~~
By building the pipe and draining the water, the ecosystem will be damaged around the great Lakes.
Equilibrium in the Lakes ^{ecosystem} will be altered. Also, the water cycle and its circulation will be disturbed.
This will not be beneficial to the environment of Michigan.

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stat

1 Politicians; we support it from an economic stand point as it will bring jobs into the state. It will likewise offer help to common good as it aids areas vulnerable to habits a water cycle. From a utilitarian approach offering aid provides the greatest amount of good to the greatest # as we have an abundance here while they suffer from shortage.

Our argument

15

GROUP #: 15

Student IDs of Members Present:

[REDACTED] A42669701

[REDACTED] A41021960

[REDACTED] A40945005

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Utilitarian approach

- transfer of water from MI to NM would decrease water in Great Lakes and alter the water cycle around MI in several ways (neg. affecting MI):
 - By taking water away from Michigan's great lakes, we would be jeopardizing the entire Great Lakes ecosystem. Less water would mean less infiltration to grounds around the lakes that depend on that water
 - By selling to Mexico, this may start a chain reaction among states that are, or possibly will be experiencing a drought
 - Animals that call the great lakes home may be at serious risk of endangerment or extinction

14

GROUP #:

Student IDs of Members Present:

A43424499

A39222014

A43376720

A43219269

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We are against selling our water. If other states become too greedy, the water cycle will suffer. Michigan is already a vulnerable state financially, selling resources may eventually make Michigan even more vulnerable because the lakes won't last forever.

If the level of water in the lakes decreases, the evaporation and precipitation will also decrease. This will also decrease groundwater which will harm Michigan crops + agriculture, which then will harm wildlife.

~~DA~~ 13

GROUP #:

Student IDs of Members Present:

~~██████████~~ A42957208
~~██████████~~ A42096024
~~██████████~~ A43019247
~~██████████~~ A42123279
A42097647

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We Support this because its for the common good for residents of both Michigan, a poor state with plenty of water, and New Mexico, a richer state with no water. Its also a utilitarian move, since the water could do more good in drought-ridden New Mexico than in the great lakes. It would be virtuous for Michigan to help out their fellow state New Mexico. The water cycle would make this transaction safe for Michigan, since through surface runoff and precipitation, any water that is removed will be replaced.

12

GROUP #:

Student IDs of Members Present:

A40920866

A43365634

A43506836

A43272425

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An overland pipeline SHOULD NOT be built from Michigan to the southwest. In viewing this issue from a utilitarian perspective it is clear that the long-term environmental consequences of passing this policy would outweigh the possible benefits. While droughts may find short term solutions through the construction of a pipeline the ultimate overutilization of the Great Lakes as a primary source of water would be detrimental. The Great Lakes are simply reservoirs, and while they are large reservoirs, it is too much of a risk to rely on the residence time of those reservoirs to stay consistent to supply the continent with water. Resource scarcity is a problem that we don't want to take chances with. Not building the pipeline will protect long term rights and be the most fair option for the states in the Great Lakes region. AKA it works towards the common good.

GROUP #:

Student IDs of Members Present:

A43835916
A43773910
A42112058
A42154647

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For the common good, we can sell water from Michigan. This will result in a rise in the Michigan Economy, Plus help New Mexico's water crisis. If we ship water to New Mexico, we will help the water cycle by diminishing the drought in New Mexico.

GROUP #: 10
Student IDs of Members Present:
A41823312
A42108428
A39916396

PART 2: Group Work

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"As involved environmentalists, we believe that Michigan should not sell water from the Great Lakes to the Southwest. Removing water from the lakes would infringe on the rights of the people of Michigan by harming the environment. New Mexico's environment is not built for an excess amount of water Michigan's environment would need to support. It essentially would waste the water supply. Water is one of Michigan's most vital resources and to sell it would not support the common good of the state."

GROUP #:
Student IDs of Members Present:

[REDACTED] A41650757
[REDACTED] A40680269
[REDACTED] A43334997
[REDACTED] A40786055

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We, the environmentalists of the great state of Michigan oppose the construction of a pipeline between Michigan and New Mexico. We oppose it based on the ethical framework of utilitarianism. We believe that for the benefit of future generations, the water needs to stay in Michigan. It would destroy the environment and also our major industries rely on the water supply.

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- Rights: actions should not infringe upon the rights of others
- just because they need water - they should not be taking it away from us and our enjoyment of the fresh water source we are provided with
 - harmful for the northern agriculture
 - if we start to sell it to one place it will open the gate to others wanting to get it from us
 - risk of running our largest fresh water source dry
 - ↳ what would we do when we need water at that point?

Water cycle: New Mexico is a relatively dry state so they will continually need water pumped in due to their lack of precipitation

- Michigan has enough precipitation to maintain our land, most of the time, but this all would change if we were pumping large amounts

V 7

GROUP #:

Student IDs of Members Present:

A42501575

A42100583

A42326587

A42501575

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Due to the common good principle we want to sell the water to New Mexico because we have enough and it would benefit both of our economies. Although we are distributing water from our lakes, it will be replenished through evaporation, precipitation and condensation.

6

GROUP #:

Student IDs of Members Present:

A39966164

~~A39~~ A43763919

A42500065

A42205094

PART 2: Group Work

Your group will be assigned to a specific interest group. The four interest groups are:

- Water utilities owners: FOR SELLING
- Politicians: FOR SELLING
- Environmentalists: AGAINST SELLING
- Scientists: YOU DECIDE based on facts!

Imagine that the water agreement between the states bordering the Great Lakes has expired, and Michigan has decided that one way to address the state's current economic crisis is to sell water to New Mexico. An overland pipeline will be built from Michigan to the southwest, paid for by New Mexico. Citizens of Michigan will vote on this in an upcoming election. WRITE A POSITION STATEMENT EXPLAINING WHY YOUR POLITICAL GROUP AGREES OR DISAGREES WITH THIS PLAN. This statement should include arguments based on the perspective of each of the five ethical approaches. Make sure to include scientific information about the water cycle as appropriate.

Water Utilities Owners:

Utilitarianism = Maximizing Good! Helps NM through drought; clean water for Americans. Helps MI economy in dire times to renew itself.

~~Harm only to~~ very little harm to anyone.

Common Good = Americans taking care of Americans; Society helping its vulnerable members. Creates jobs!

→ Won't drain the lakes → water cycle will simply hold less water.

5

GROUP #:
Student IDs of Members Present:

A40555917 A42115313
A40004959
A46659482

PART 2: Group Work

Your group will be assigned to a specific interest group. The four interest groups are:

- Water utilities owners: FOR SELLING
- Politicians: FOR SELLING
- Environmentalists: AGAINST SELLING
- Scientists: YOU DECIDE based on facts!

Imagine that the water agreement between the states bordering the Great Lakes has expired, and Michigan has decided that one way to address the state's current economic crisis is to sell water to New Mexico. An overland pipeline will be built from Michigan to the southwest, paid for by New Mexico. Citizens of Michigan will vote on this in an upcoming election. WRITE A POSITION STATEMENT EXPLAINING WHY YOUR POLITICAL GROUP AGREES OR DISAGREES WITH THIS PLAN. This statement should include arguments based on the perspective of each of the five ethical approaches. Make sure to include scientific information about the water cycle as appropriate.

→ The Scientists feel that the building of an overland pipeline to New Mexico would be greatly detrimental to the Great Lakes water system and its inhabitants. If we are constantly flowing water out of Michigan, the water will be lower, causing problems for the people in Michigan. If we offer it to New Mexico then all of the other Southern/dry states might feel they deserve the right to this water also. And if it gets out of hand, the water in the lakes will be going out a lot faster than it can be recharged, eventually depleting the Lakes greatly.

4

GROUP #:
Student IDs of Members Present:

[REDACTED] 43296853

[REDACTED] A42460239
[REDACTED] A43288541

[REDACTED] A43931499

PART 2: Group Work

Your group will be assigned to a specific interest group. The four interest groups are:

- Water utilities owners: FOR SELLING
- Politicians: FOR SELLING
- Environmentalists: AGAINST SELLING
- Scientists: YOU DECIDE based on facts!

Imagine that the water agreement between the states bordering the Great Lakes has expired, and Michigan has decided that one way to address the state's current economic crisis is to sell water to New Mexico. An overland pipeline will be built from Michigan to the southwest, paid for by New Mexico. Citizens of Michigan will vote on this in an upcoming election. WRITE A POSITION STATEMENT EXPLAINING WHY YOUR POLITICAL GROUP AGREES OR DISAGREES WITH THIS PLAN. This statement should include arguments based on the perspective of each of the five ethical approaches. Make sure to include scientific information about the water cycle as appropriate.

From Utilitarianism view point selling the water would be for the good of the whole nation, by setting an annual limit on how much water could be sold. That way, we can distribute the water taken each year to those who need it most.

3

GROUP #: 3

Student IDs of Members Present:

42818831

A42408167

A42005463

A43206443

A39527865

PART 2: Group Work

Your group will be assigned to a specific interest group. The four interest groups are:

- Water utilities owners: FOR SELLING
- Politicians: FOR SELLING
- Environmentalists: AGAINST SELLING
- Scientists: YOU DECIDE based on facts!

Imagine that the water agreement between the states bordering the Great Lakes has expired, and Michigan has decided that one way to address the state's current economic crisis is to sell water to New Mexico. An overland pipeline will be built from Michigan to the southwest, paid for by New Mexico. Citizens of Michigan will vote on this in an upcoming election. WRITE A POSITION STATEMENT EXPLAINING WHY YOUR POLITICAL GROUP AGREES OR DISAGREES WITH THIS PLAN. This statement should include arguments based on the perspective of each of the five ethical approaches. Make sure to include scientific information about the water cycle as appropriate.

- UTILITARIANISM -

- RIGHTS - SELLING WOULD INFRINGE UPON RIGHT TO PURSUIT OF HAPPINESS
- WATER CYCLE DISRUPTED, LESS WATER IN ALL RESERVOIRS IN MICHIGAN

✓ We believe the Great Lakes should remain untouched.
ONE PLAUSIBLE ETHICAL APPROACH WOULD BE PROTECTING THE RIGHTS OF MICHIGAN RESIDENTS, SPECIFICALLY THE RIGHT TO THE PURSUIT OF HAPPINESS.

COMMON GOOD - PROTECT MICHIGAN'S VULNERABLE RESIDENTS BY KEEPING WATER. SELLING WILL ACTUALLY DAMAGE THE ECONOMY IN THE LONG RUN BECAUSE LESS PRECIPITATION AND RESERVOIR FLOW WILL YIELD REDUCED CORPORATE + AGRICULTURAL USAGE.

2

GROUP #: 2

Student IDs of Members Present:

A42087601 A40741960 A43481863
A43481863

PART 2: Group Work

Your group will be assigned to a specific interest group. The four interest groups are:

- Water utilities owners: FOR SELLING
- Politicians: FOR SELLING
- Environmentalists: AGAINST SELLING
- Scientists: YOU DECIDE based on facts!

common good - MI weak

NCI

economy
NM drought

Imagine that the water agreement between the states bordering the Great Lakes has expired, and Michigan has decided that one way to address the state's current economic crisis is to sell water to New Mexico. An overland pipeline will be built from Michigan to the southwest, paid for by New Mexico. Citizens of Michigan will vote on this in an upcoming election. WRITE A POSITION STATEMENT EXPLAINING WHY YOUR POLITICAL GROUP AGREES OR DISAGREES WITH THIS PLAN. This statement should include arguments based on the perspective of each of the five ethical approaches. Make sure to include scientific information about the water cycle as appropriate.

In order to ~~strong~~ strengthen Michigan's economy and assist in eliminating the drought in New Mexico we should sell the water. For the common good it make sense to assist those who are more vulnerable by giving water to assist New Mexico and to build Michigan economy. Fairness/Justice would allow us to share the water so, it is equal among states. It does not infringe on rights because the treaty will expire. The water from the Great Lakes will runoff into the ocean and become useless anyway.

PART 2: Group Work

Your group will be assigned to a specific interest group. The four interest groups are:

- Water utilities owners: FOR SELLING
- Politicians: FOR SELLING
- ✱ Environmentalists: AGAINST SELLING
- Scientists: YOU-DECIDE based on facts!

Imagine that the water agreement between the states bordering the Great Lakes has expired, and Michigan has decided that one way to address the state's current economic crisis is to sell water to New Mexico. An overland pipeline will be built from Michigan to the southwest, paid for by New Mexico. Citizens of Michigan will vote on this in an upcoming election. WRITE A POSITION STATEMENT EXPLAINING WHY YOUR POLITICAL GROUP AGREES OR DISAGREES WITH THIS PLAN. This statement should include arguments based on the perspective of each of the five ethical approaches. Make sure to include scientific information about the water cycle as appropriate.

Our group disagrees with this plan. The first ethical approach that supports our decision is Utilitarianism. The good that will be received from the building of this pipeline (monetary gain) is far outweighed by the negative impacts of the pipeline - those being the destruction of an environment used as habitat for various animal species and a source of recreation (not to mention the tourism industry built around this source). Another ethical approach that clearly supports our opinion is Virtue - in the perspective of a "good person", it is our responsibility to protect the environment. Fairness and justice also supports our position because many, many people enjoy the environment that is created by the lakes themselves. They are a source of both environmental education as well as pure recreation - who is to say that the interests of those living in New Mexico are greater than those living on the Great Lakes? Our interests should be viewed equally. As for common good - this pipeline would destroy the wildlife and agriculture that are so important in the Great Lakes States. Finally, it is our right to that water because we live in this area - once the water is depleted it is our economy that will suffer due to loss of tourism.